

CLAIMS

1. Aluminium core alloy strip or sheet containing at least 80% by weight of aluminium, 0.01 to 0.5% of yttrium and/or 0.05 to 0.5% of bismuth, and the following elements with contents such that:

Si < 1.0; Fe < 1.0; Cu < 1.0; Mn < 2.0; Mg < 3.0; Zn < 6.0; Ti < 0.3; Zr < 0.3; Cr < 0.3; Hf < 0.6; V < 0.3; Ni < 2.0; Co < 2.0; In < 0.3; Sn < 0.3 other elements < 0.05 each and 0.15 total,

the strip or sheet being coated on at least one face with a brazing aluminium alloy.

3. Strip or sheet according to claim 1, characterised in that the brazing alloy is an alloy containing 4 to 15% by weight of silicon.

4. Strip or sheet according to claim 1, characterised in that the brazing alloy contains at least one element designed to modify the surface tension of the alloy, such as Ag, Be, Bi, Ce, La, Pb, Pd, Sb, Y or mischmetal.

5. Strip or sheet according to one of claims 1 to 3, characterised in that the brazing alloy coating is a clad layer obtained by co-rolling with the basic aluminium alloy.

6. Strip or sheet according to one of claims 1 to 3, characterised in that the brazing alloy coating is composed of particles, possibly coated in a resin layer.

7. Brazed part made using an aluminium alloy strip or sheet containing 0.01 to 0.5% of yttrium and/or 0.05 to 0.5% of bismuth, and the following elements with contents such that:

Si < 1.0; Fe < 1.0; Cu < 1.0; Mn < 2.0; Mg < 3.0; Zn < 6.0; Ti < 0.3; Zr < 0.3; Cr < 0.3; Hf < 0.6; V < 0.3; Ni < 2.0; Co < 2.0; In < 0.3; Sn < 0.3; other elements < 0.05 each and 0.15 total.

8. Brazed part according to claim 7, characterised in that the strip or sheet used is coated with a brazing alloy.

9. Brazed part according to claim 7, characterised in that the strip or sheet used is coated with brazing alloy particles, possibly coated in a resin layer.